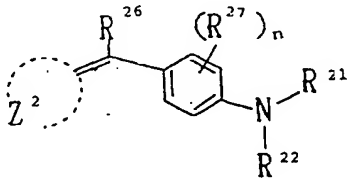
WHAT IS CLAIMED IS

1. A styrylamine compound comprising a structure represented by the following formula (XI):

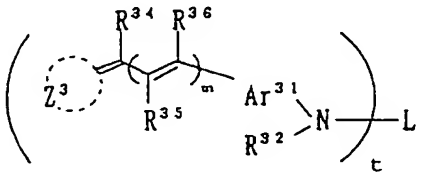


(XI)

wherein $R^{21}$ and $R^{22}$, which are the same or different, each represent an aryl group or a heterocyclic group; $R^{21}$ and $R^{22}$ may combine with each other to form a ring; $R^{27}$ represents a substituent group; n represents an integer of 0 to 4, provided that when n is 2, 3 or 4, the $R^{27}$ groups are the same or different; $R^{26}$ represents a hydrogen atom, an alkyl group, an alkenyl group, an acyl group, a sulfonyl group, an alkoxycarbonyl group, a carbonamido group or a cyano group; $Z^2$ represents a 1,3-indanedione nucleus having one or more substituent groups which combine with each other to complete a condensed ring or which are each an alkyl, aryl, heterocyclic, alkenyl or silyl group, a furanone nucleus, an oxyindole nucleus, an imidazolidone nucleus, a dioxobenzothophene-3-one nucleus, a coumaranone nucleus, a 1-indanone nucleus substituted at the 3-position by an alkyl, aryl or heterocyclic group, a benzofuran-3-one nucleus, a 2-thio-2,4-

thiazolidinedione nucleus, a 2-thio-2,4-oxazolidinedione nucleus, a 2-thio-2,5-thiazolidinedione nucleus, a 2,4-thiazolidinedione nucleus, 2,4-imidazolidinedione nucleus, 2-thio-2,4-imidazolidinedione nucleus, or a 2-imidazoline-5-one nucleus; and at least one of the oxygen atom and sulfur atom of the carbonyl or thiocarbonyl group attached to the cyclic skeleton constituting $Z^2$ may be substituted with $N\text{-}R^{2a}$ or $CR^{2b}R^{2c}$, wherein $R^{2a}$, $R^{2b}$ and $R^{2c}$ each represent a hydrogen atom or a substituent group.

2. A luminescent device comprising at least one organic layer between electrodes, said at least one organic layer comprising at least one compound represented by formula (XII):

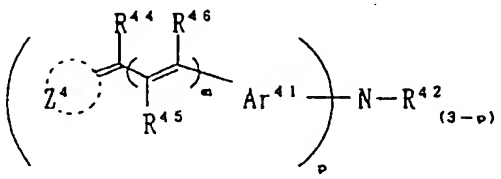


(XII)

wherein $Ar^{31}$ represents an arylene group or a divalent heterocyclic group; $R^{32}$ represents an aryl group, a heterocyclic group or an aliphatic hydrocarbon group; $R^{34}$, $R^{35}$ and $R^{36}$ each represent a hydrogen atom or a substitutent group; $Z^3$ represents atoms forming a 5, 6 or 7-membered ring; m represents 0, 1 or 2; t is an integer of at least 2, and one combination made with

$Ar^{31}$, $R^{32}$, $R^{34}$, $R^{35}$, $R^{36}$, $Z^3$ and m is the same as or different from another combination made therewith; and L represents a t-valent linkage group.

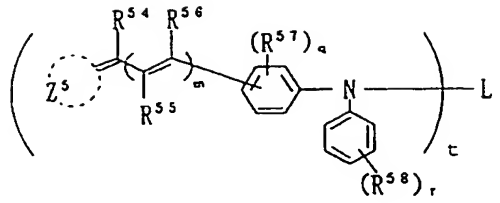
3. A luminescent device comprising at least one organic layer between electrodes, said at least one organic layer comprising at least one compound represented by formula (XIII):



(XIII)

wherein $Ar^{41}$ represents an arylene group or a divalent heterocyclic group; $R^{42}$ represents an aryl group, a heterocyclic group or an aliphatic hydrocarbon group; $R^{44}$, $R^{45}$ and $R^{46}$ each represent a hydrogen atom or a substitutent group; $Z^4$ represents atoms forming a 5, 6 or 7-membered ring; m represents 0, 1 or 2; p represents 2 or 3, and two or three combinations made with $Ar^{41}$, $R^{42}$, $R^{44}$, $R^{45}$, $R^{46}$, $Z^4$ and m are the same or different.

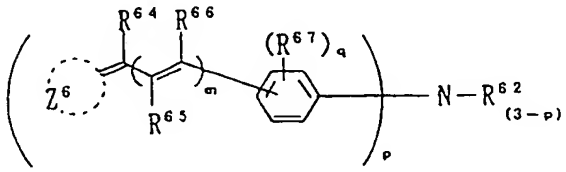
4. The luminescent device of claim 2, wherein the compound of formula (XII) is a compound represented by formula (XIV):



(XIV)

wherein $R^{54}$, $R^{55}$ and $R^{56}$ each represent a hydrogen atom or a substituent group; $R^{57}$ and $R^{58}$ each represent a substituent group; q represents an integer of 0 to 4, and when q is 2, 3 or 4 the $R^{57}$ groups are the same or different; r represents an integer of 0 to 5, and when r is 2, 3, 4 or 5 the $R^{56}$ groups are the same or different; $Z^5$ represents atoms forming a 5, 6 or 7-membered ring; m represents 0, 1 or 2; t represents an integer of at least 2, and one combination made with $R^{54}$, $R^{55}$, $R^{56}$, $R^{57}$, $R^{58}$, $Z^5$ m, q and r is the same as or different from another combination made therewith; and L represents a t-valent linkage group.

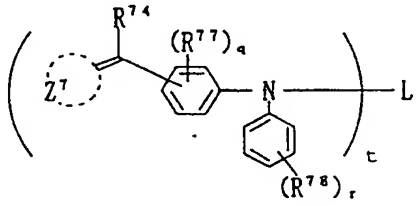
5. The luminescent device of claim 3, wherein the compound of formula (XIII) is a compound represented by the following formula (XV):



(XV)

wherein $R^{62}$ represents an aryl group, a heterocyclic group or an aliphatic hydrocarbon group; $R^{64}$, $R^{65}$ and $R^{66}$ each represent a hydrogen atom or a substituent group; $R^{67}$ represents a substituent group; q represents an integer of 0 to 4, and when q is 2, 3 or 4 the $R^{67}$ groups are the same or different; $Z^6$ represents atoms forming a 5, 6 or 7-membered ring; m represents 0, 1 or 2; p represents 2 or 3, and two or three combinations made with $R^{62}$, $R^{64}$, $R^{65}$, $R^{66}$, $R^{67}$, $Z^6$, m and q are the same as or different from one another.

6. The luminescent device of claim 4, wherein the compound of formula (XIV) is a compound represented by formula (XVI):

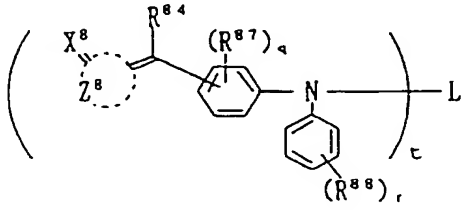


(XVI)

wherein $R^{74}$ represents a hydrogen atom or a substituent group; $R^{77}$ and $R^{78}$ each represent a substituent group; q represents an integer of 0 to 4, and when q is 2, 3 or 4 the $R^{77}$ groups are the same or different; r represents an integer of 0 to 5, and when r is 2, 3, 4 or 5 the $R^{78}$ groups are the same or different; $Z^7$ represents atoms forming a 5, 6 or 7-membered ring; t represents an integer of at least 2, and one combination made with $R^{74}$, $R^{77}$, $R^{78}$, $Z^7$, q

and r is the same as or different from another combination made therewith; and L represents a t-valent linkage group.

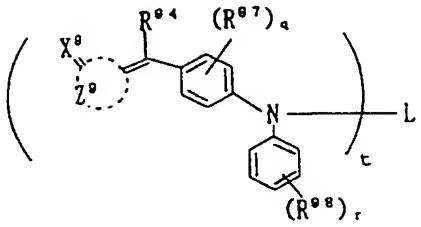
7. The luminescent device of claim 6, wherein the compound of formula (XVI) is a compound represented by formula (XVII):



(XVII)

wherein $R^{84}$ represents a hydrogen atom or a substituent group; $R^{87}$ and $R^{88}$ each represent a substituent group; q represents an integer of 0 to 4, and when q is 2, 3 or 4 the $R^{87}$ groups are the same or different; r represents an integer of 0 to 5, and when r is 2, 3, 4 or 5 the $R^{88}$ groups are the same or different; $Z^8$ represents atoms forming a 5, 6 or 7-membered ring; $X^8$ represents an oxygen atom, a sulfur atom, N-$R^{A1}$ or $CR^{A2}R^{A3}$; $R^{A1}$, $R^{A2}$ and $R^{A3}$ each represent a hydrogen atom or a substituent group; t represents an integer of at least 2, and one combination made with $R^{84}$, $R^{87}$, $R^{88}$, $Z^8$, $X^8$, q and r is the same as or different from another combination made therewith; and L represents a t-valent linkage group.

8. A styrylamine compound comprising a structure represented by formula (XVIII):



(XVIII)

wherein $R^{94}$ represents a hydrogen atom or a substituent group; $R^{97}$ and $R^{98}$ each represent a substituent group; q represents an integer of 0 to 4, and when q is 2, 3 or 4 the $R^{97}$ groups are the same or different; r represents an integer of 0 to 5, and when r is 2, 3, 4 or 5 the $R^{98}$ groups are the same or different; $Z^9$ represents atoms forming a 5, 6 or 7-membered ring; $X^9$ represents an oxygen atom, a sulfur atom, N-$R^{A1}$ or $CR^{A2}R^{A3}$; $R^{A1}$, $R^{A2}$ and $R^{A3}$ each represent a hydrogen atom or a substituent group; t represents an integer of at least 2, and one combination made with $R^{94}$, $R^{97}$, $R^{98}$, $Z^9$, $X^9$, q and r is the same as or different from another combination made therewith; and L represents a t-valent linkage group.